GCSE Technology

Why choose A GCSE in Technology?

This is an exciting course offering a unique opportunity to identify and solve real problems whilst making exciting products.

Do you like more 'hands-on' activities. If you do this may be the course for you.

What will I study?

Knowledge and understanding core:

- Impact of new and emerging technologies
- Evaluation of new and emerging technologies
- Energy
- Modern and smart materials
- Ecological and social footprint
- Investigating and analysing the work of others

In-depth knowledge (one chosen specialist area)

- Engineering design (electronics)
- Product design (Graphics or Resistant Materials)
- Fashion and Textiles

Who would this course suit?

Do you enjoy practical work, having the opportunity to design and make exciting products?

How will I learn?

Technology is a practical 'hands on' subject. You will have the opportunity to undertake design and make tasks that will develop your ability to investigate, design, plan, make and evaluate. In doing so you will develop your problem-solving ability.

Your lessons will be well resourced with materials to support your learning, including on line sources, a dedicated web site, up to date text books.

The Department is very well equipped with excellent CAD/CAM facilities, including laser cutters and a 3D printer.

We will encourage you to become more self-reliant and able to work independently and as part of a team.

You will have regular homework tasks to consolidate your learning.

How will my work be assessed?

Your progress will be monitored by internal assessments leading up to the final written examination at the end of Year 11. In Year 11 you will undertake a controlled assessment task which is internally assessed and moderated by the exam board.

External Assessment

Written exam (2 hours) Core knowledge and understanding and in-depth knowledge of chosen endorsed area. 50% of qualification (GCSE)

NEA – Non-exam assessment (controlled assessment coursework). Design and make task (35 hours approx.)

How can I use this course after Year 11/ in the future?

The need to increase our manufacturing base has become increasingly more apparent and there are a wide and varied range of exciting career opportunities linked to this subject. Here are just a few examples.

Architecture
Building and construction
Civil engineering
Electrical engineering
Fashion/textile design
Graphic design
Teaching
Product design
Computer aided design
Computer aided manufacture

(Product design is offered as an A level course with a direct link to university study)

If I want to know more I should ask…

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